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Yiming YE, et al.
DSJ YOR920030226US1

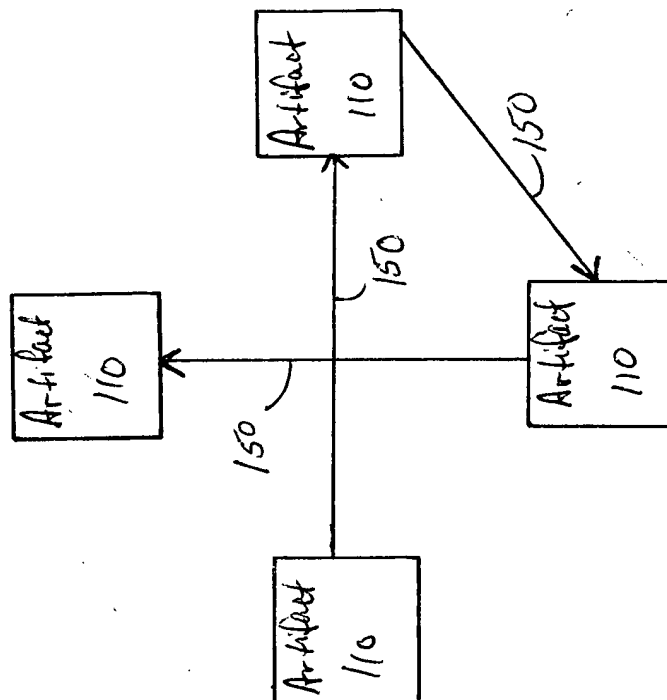


Figure 1

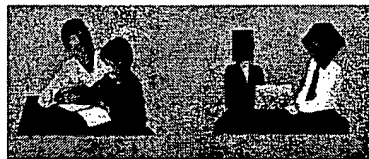


Figure 2A



Figure 2B



Figure 2C



Figure 2D



Figure 2E

210

220

Figure 2

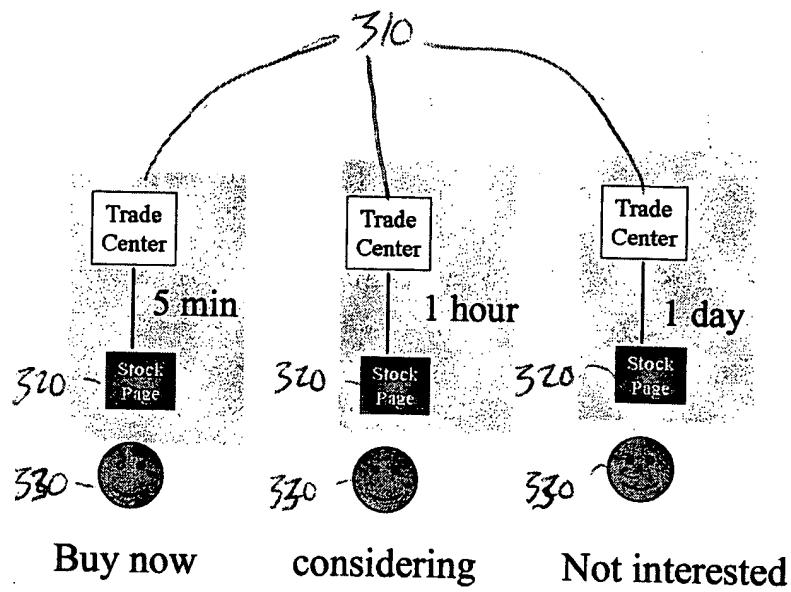


Figure 3.

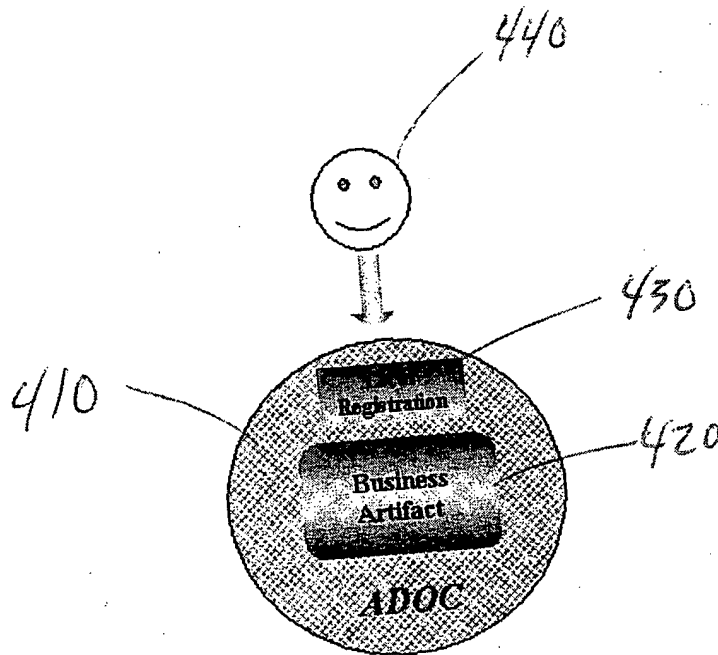


Figure 4

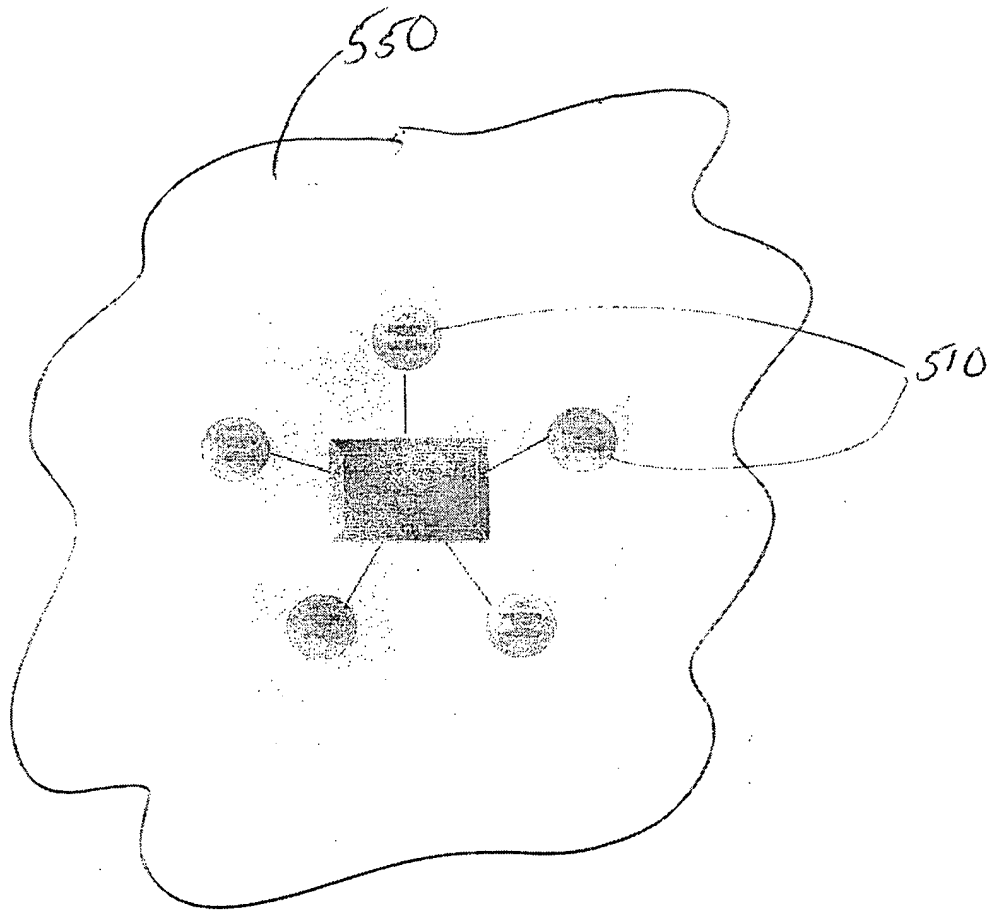


Figure 5

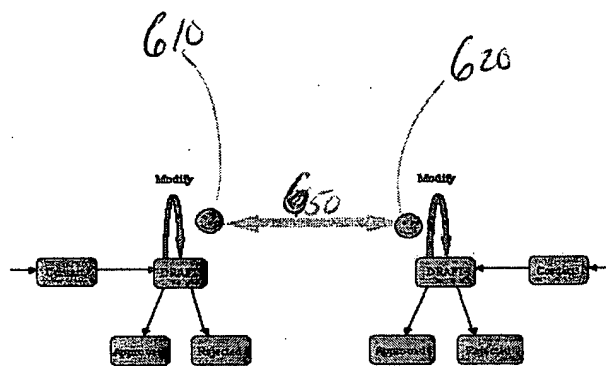
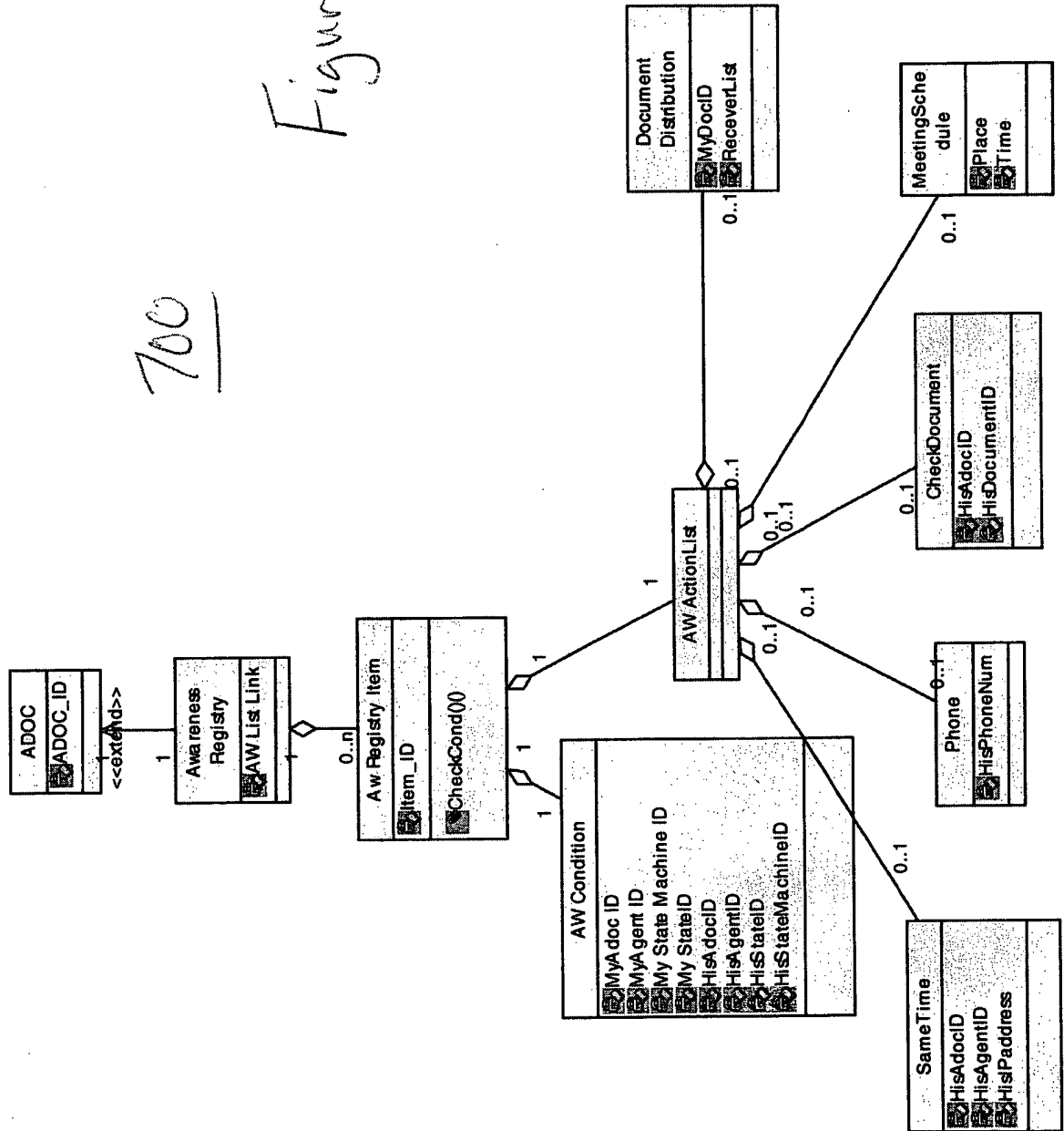


Figure 6





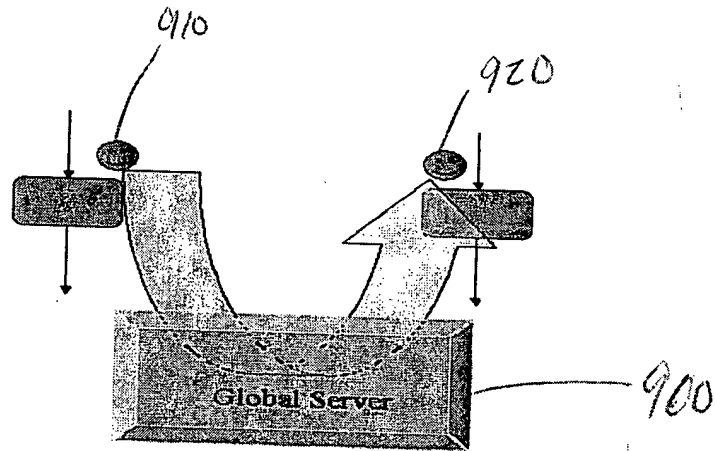


Figure 9

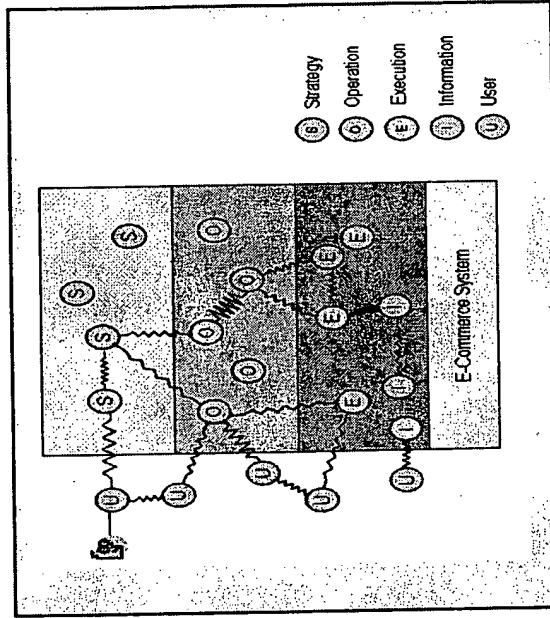


Figure 10C

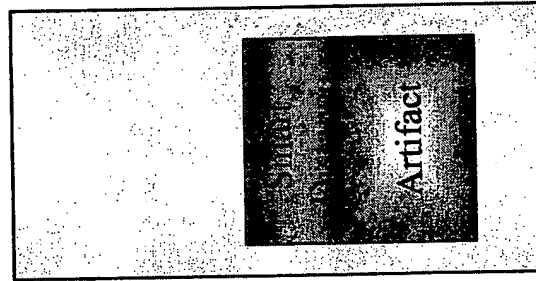


Figure 10B

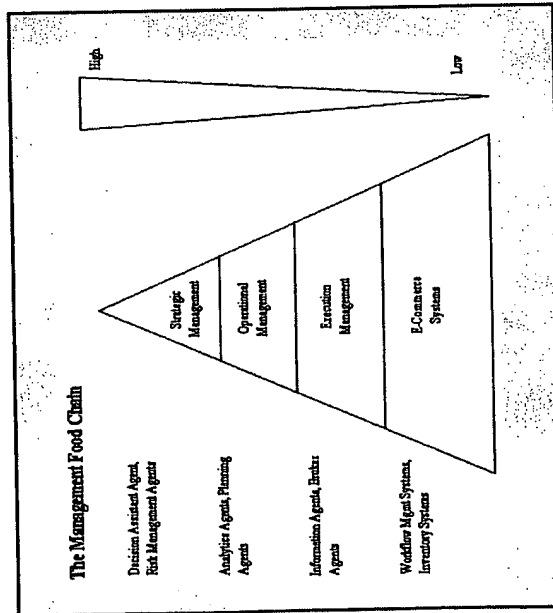


Figure 10A

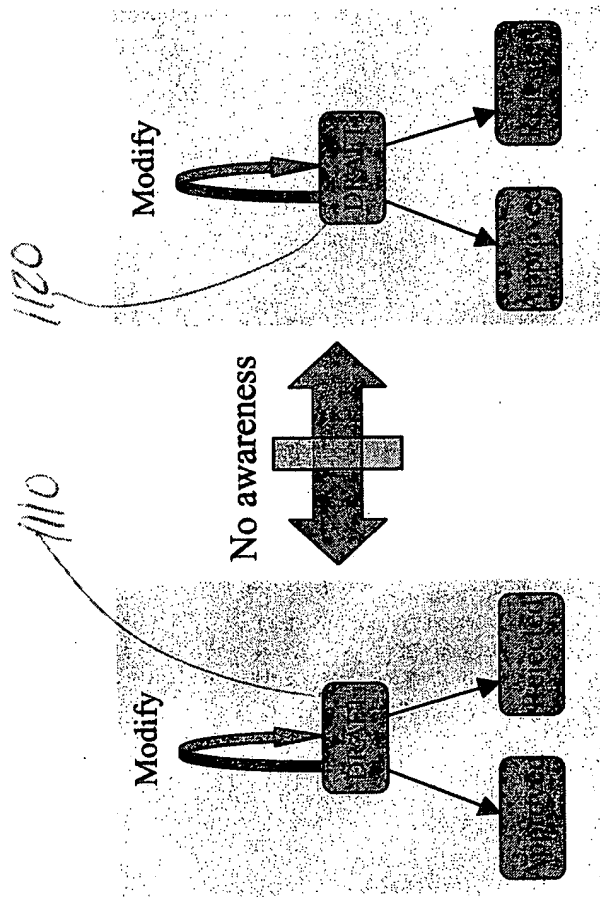


Figure 11

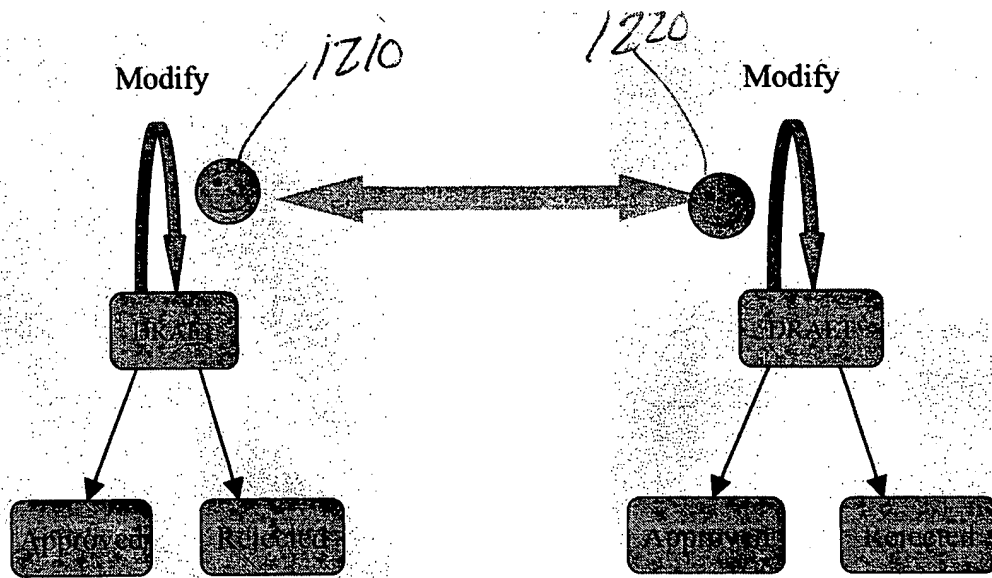


Figure 12

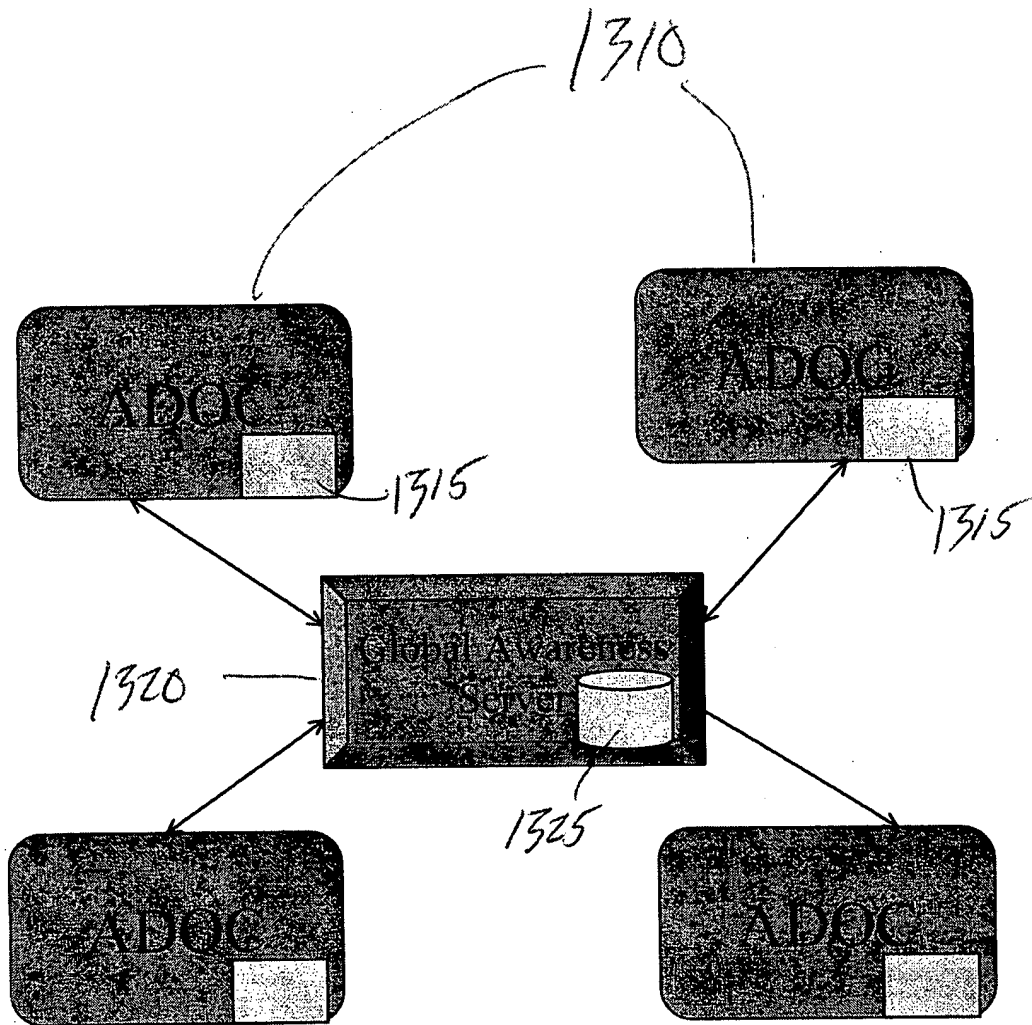


Figure 13

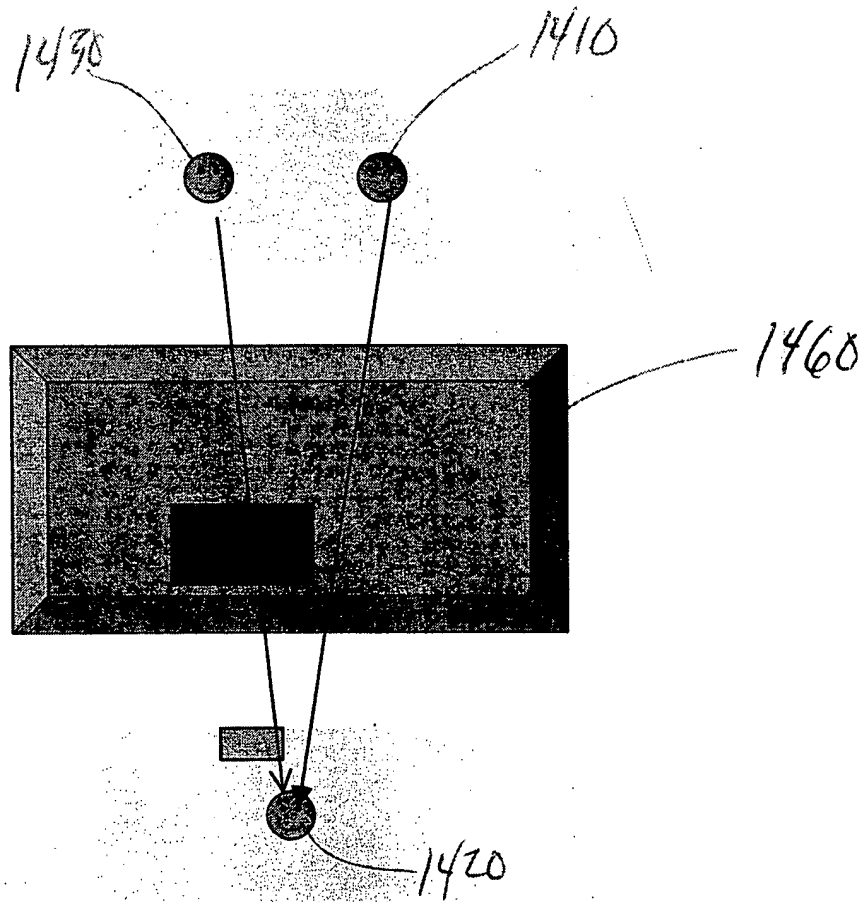


Figure 14

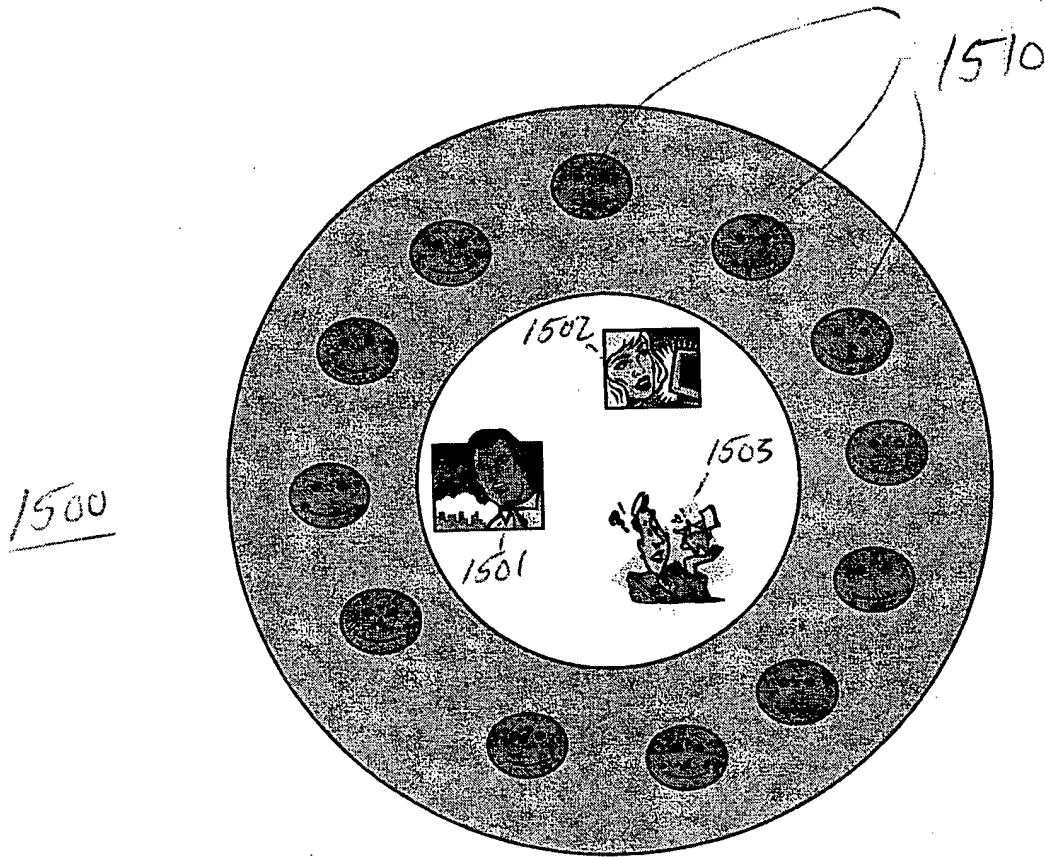


Figure 15A

Figure 15B

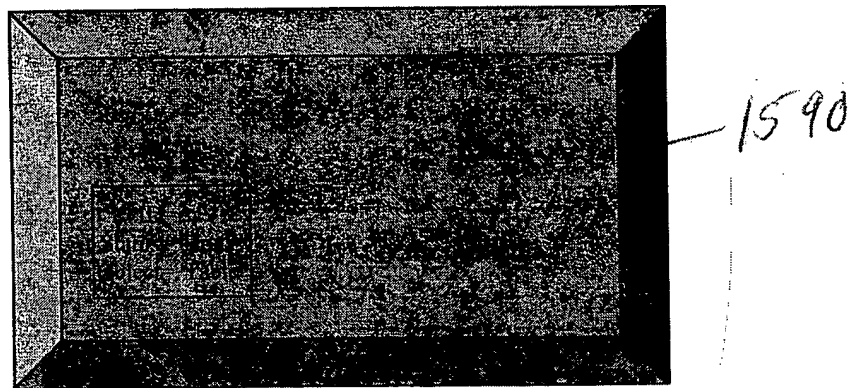
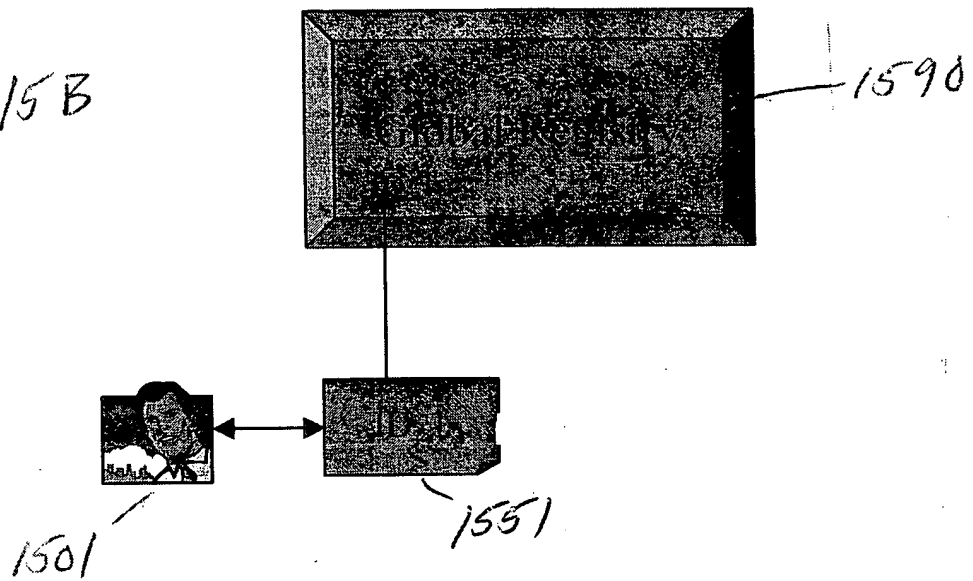


Figure 15C

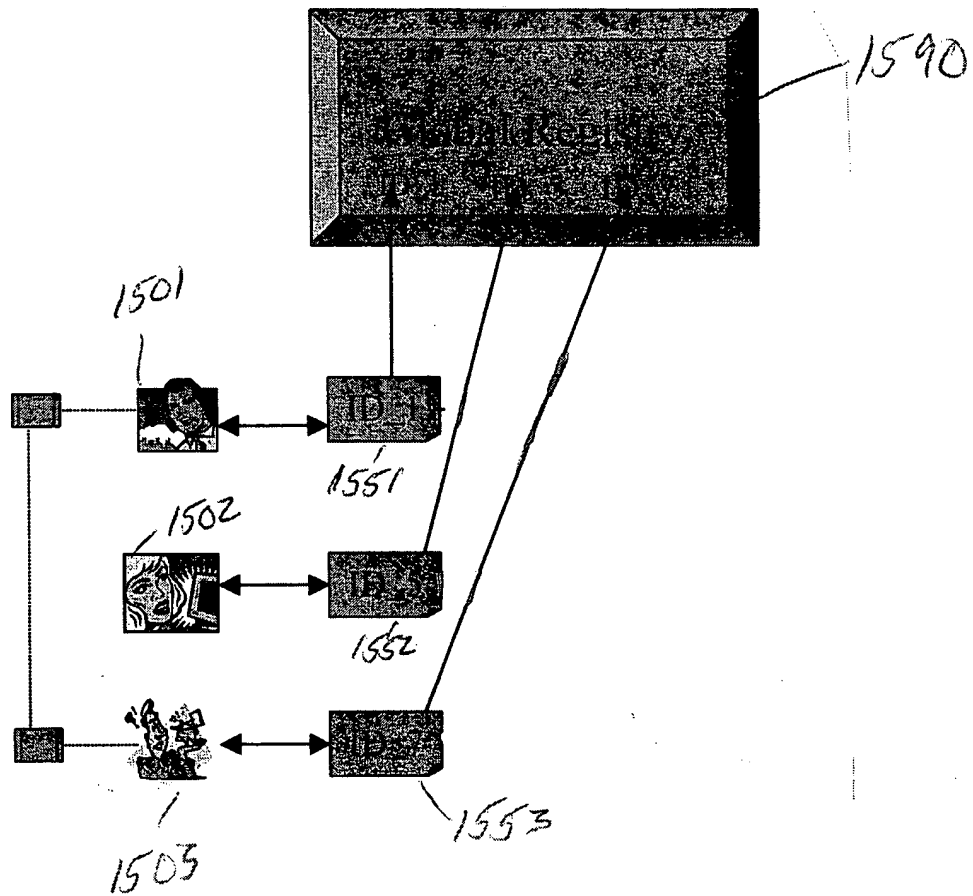


Figure 15D

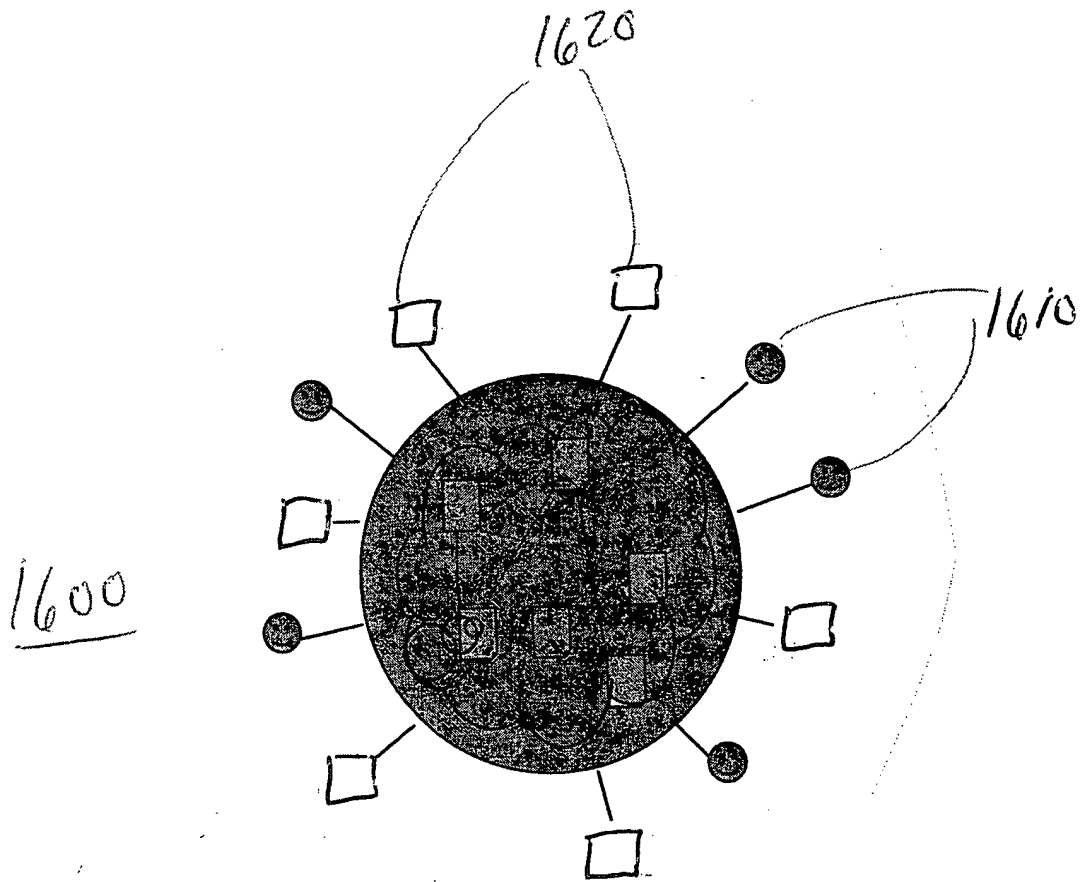


Figure 16.

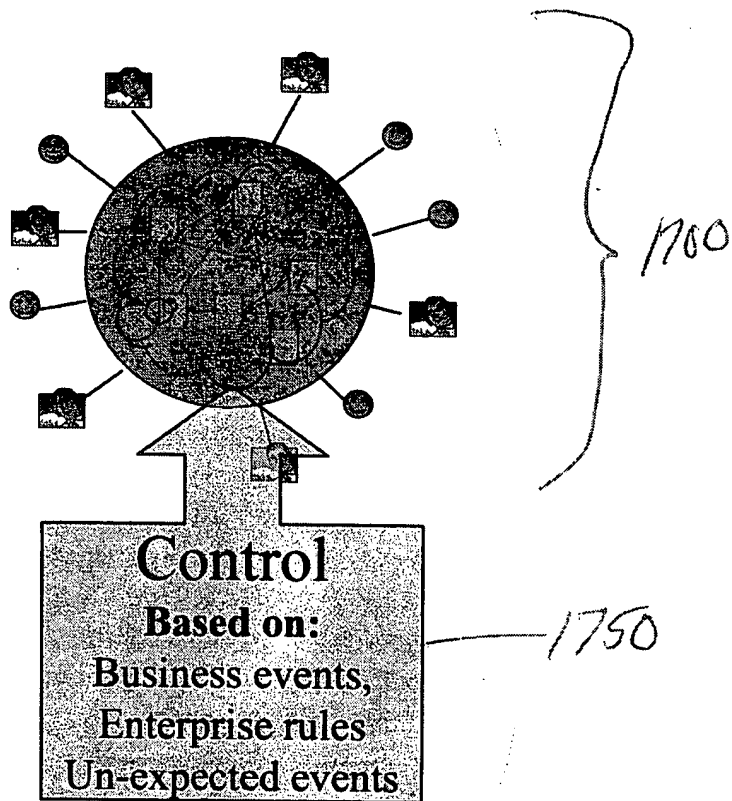


Figure 17

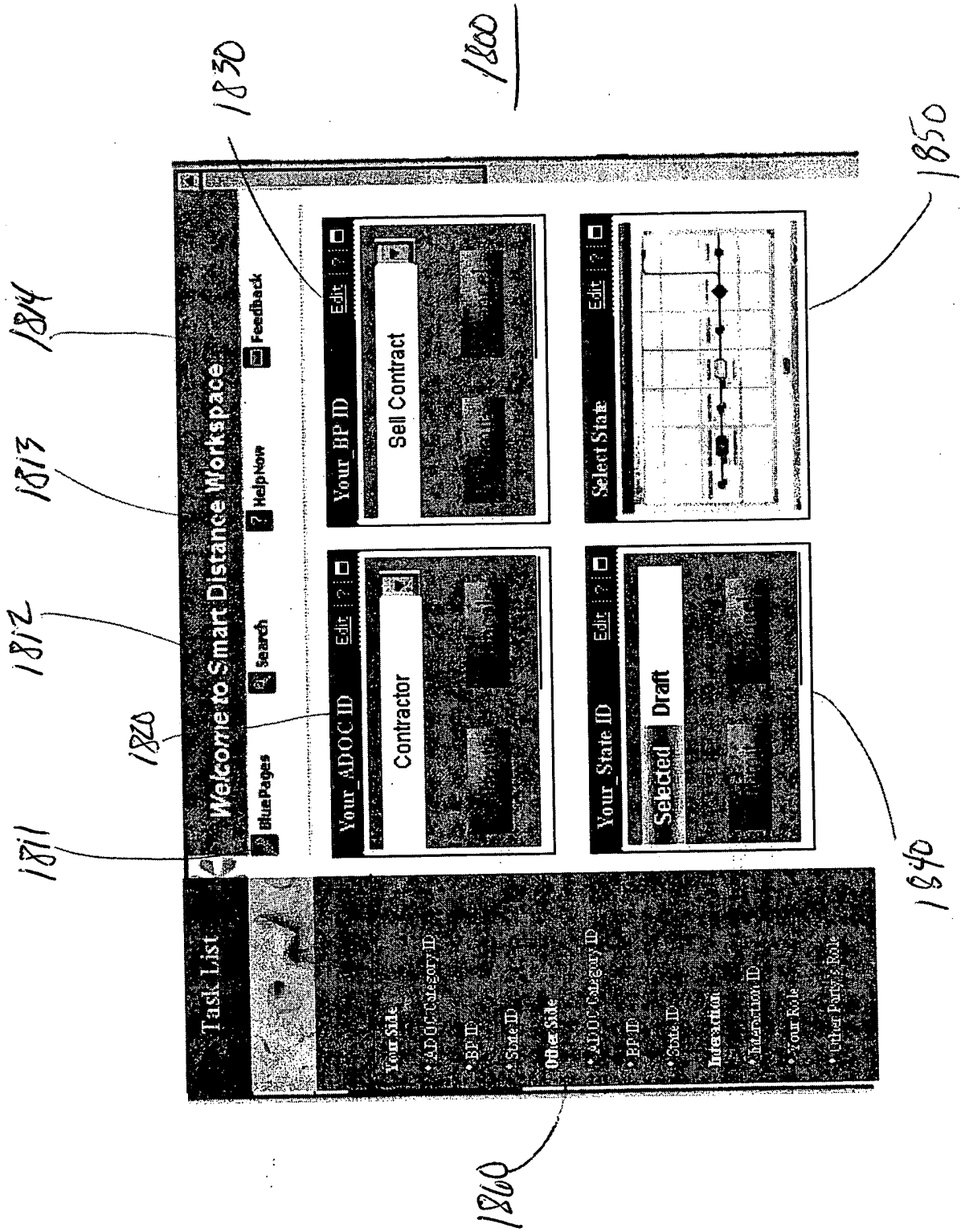


Figure 18

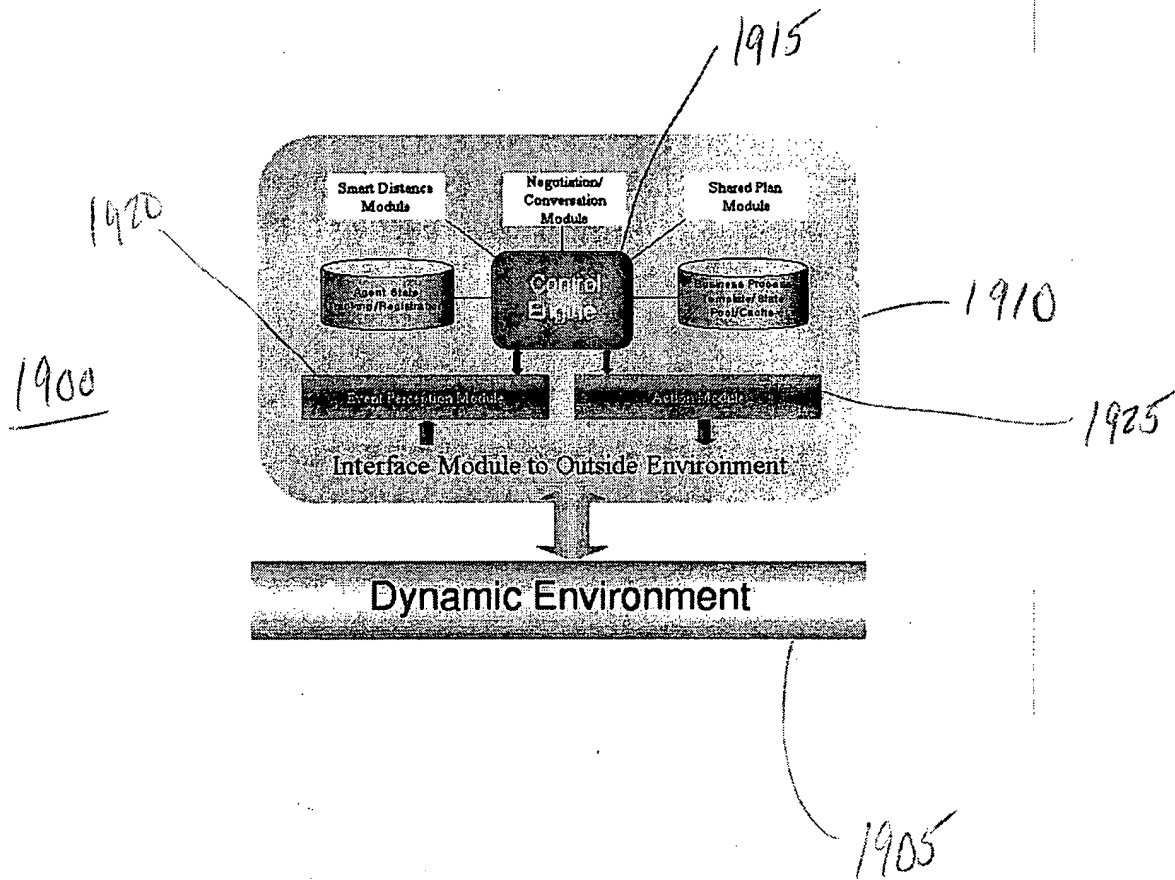


Figure 19

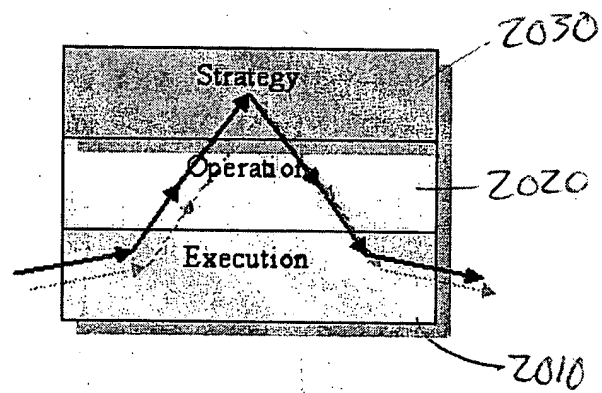


Figure 20

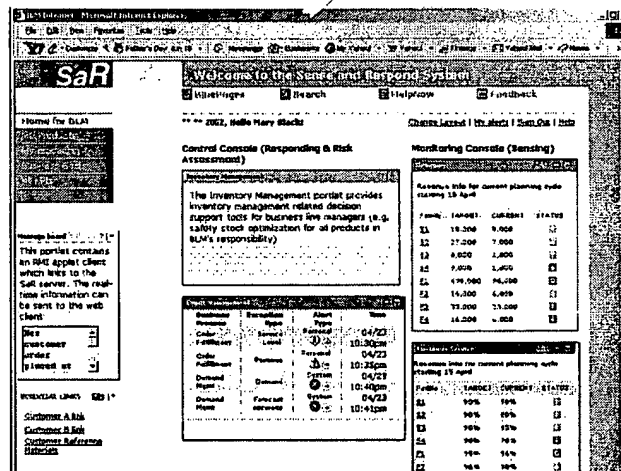
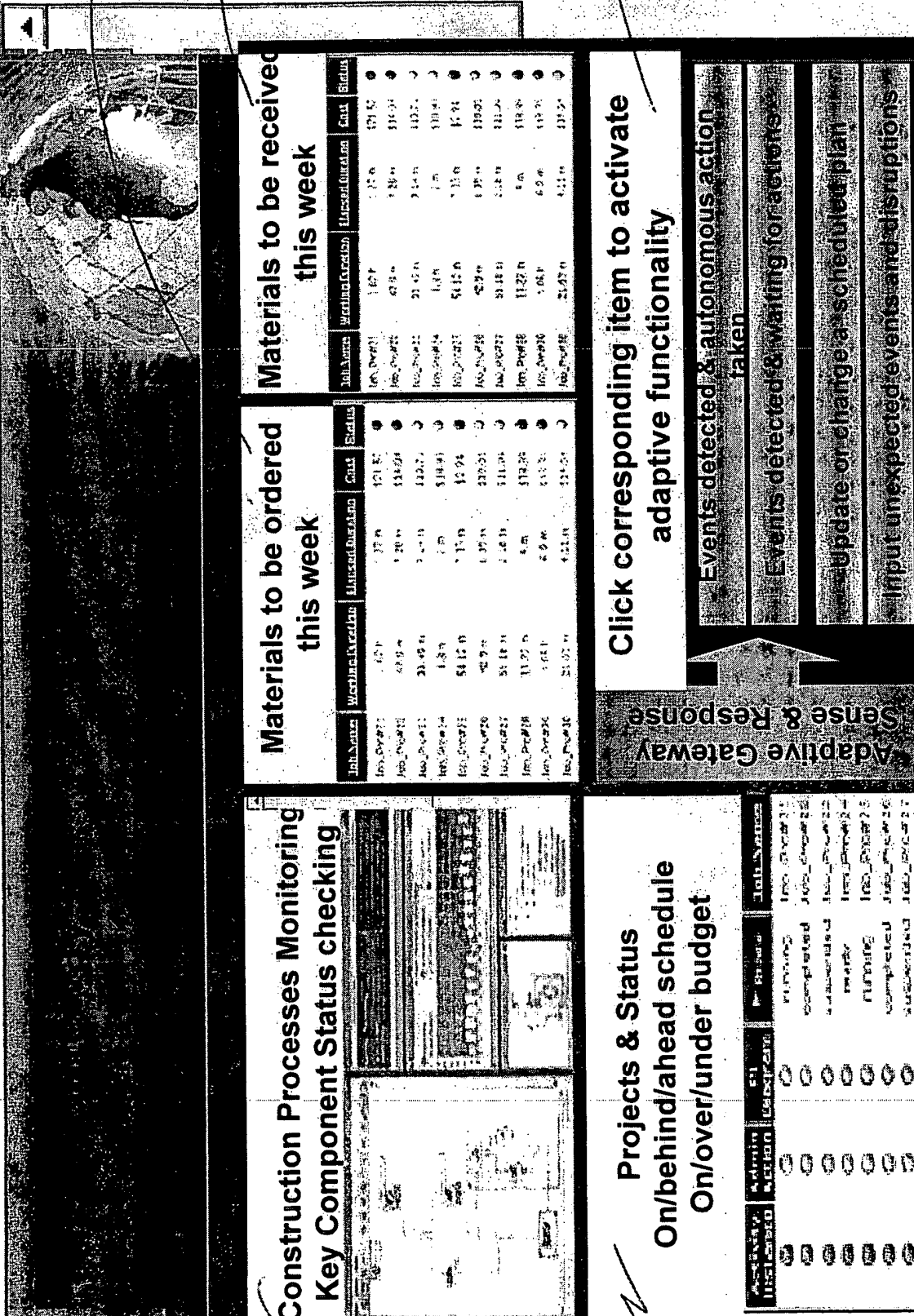


Figure 21.

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2200

Figure 22.

Events detected & autonomous action taken

Detected Event Lists
Click an item to show actions

Unit Name	Weapon Number	Elapsed Duration	Cost	Status
100_000001	100_000001	1.37 m	121.40	0
100_000002	100_000002	1.37 m	121.40	0
100_000003	100_000003	1.37 m	121.40	0
100_000004	100_000004	1.37 m	121.40	0
100_000005	100_000005	1.37 m	121.40	0
100_000006	100_000006	1.37 m	121.40	0
100_000007	100_000007	1.37 m	121.40	0
100_000008	100_000008	1.37 m	121.40	0
100_000009	100_000009	1.37 m	121.40	0
100_000010	100_000010	1.37 m	121.40	0

Autonomous Actions
Taken

Unit Name	Weapon Number	Elapsed Duration	Cost	Status
100_000001	100_000001	1.37 m	121.40	0
100_000002	100_000002	1.37 m	121.40	0
100_000003	100_000003	1.37 m	121.40	0
100_000004	100_000004	1.37 m	121.40	0
100_000005	100_000005	1.37 m	121.40	0
100_000006	100_000006	1.37 m	121.40	0
100_000007	100_000007	1.37 m	121.40	0
100_000008	100_000008	1.37 m	121.40	0
100_000009	100_000009	1.37 m	121.40	0
100_000010	100_000010	1.37 m	121.40	0

Possible Action Sets
Considered by

Unit Name	Weapon Number	Elapsed Duration	Cost	Status
100_000001	100_000001	1.37 m	121.40	0
100_000002	100_000002	1.37 m	121.40	0
100_000003	100_000003	1.37 m	121.40	0
100_000004	100_000004	1.37 m	121.40	0
100_000005	100_000005	1.37 m	121.40	0
100_000006	100_000006	1.37 m	121.40	0
100_000007	100_000007	1.37 m	121.40	0
100_000008	100_000008	1.37 m	121.40	0
100_000009	100_000009	1.37 m	121.40	0
100_000010	100_000010	1.37 m	121.40	0

Performance

Unit Name	Weapon Number	Elapsed Duration	Cost	Status
100_000001	100_000001	1.37 m	121.40	0
100_000002	100_000002	1.37 m	121.40	0
100_000003	100_000003	1.37 m	121.40	0
100_000004	100_000004	1.37 m	121.40	0
100_000005	100_000005	1.37 m	121.40	0
100_000006	100_000006	1.37 m	121.40	0
100_000007	100_000007	1.37 m	121.40	0
100_000008	100_000008	1.37 m	121.40	0
100_000009	100_000009	1.37 m	121.40	0
100_000010	100_000010	1.37 m	121.40	0

Do you want to allow this autonomous
Response in the future

Yes	No
-----	----

Figure 23

2300

Figure 24

Select or input the Changes/Updates

Effects of the Selected Changes Based on Inference Engine

Only Source	Weighted Population	Estimated Unemployed	Costs	Benefits
1. Own Contribution	4.47	1.27	191.51	0
2. Social Security	29.04	3.26	338.04	0
3. Federal Reserve	29.04	3.26	338.04	0
4. State of California	1.31	0.37	38.83	0
5. Local Government	1.31	0.37	12.04	0
6. Private Industry	1.31	0.37	338.04	0
7. Federal Reserve	1.31	0.37	338.04	0
8. State of California	1.31	0.37	338.04	0
9. Local Government	1.31	0.37	338.04	0
10. Private Industry	1.31	0.37	338.04	0
11. Federal Reserve	1.31	0.37	338.04	0
12. State of California	1.31	0.37	338.04	0
13. Local Government	1.31	0.37	338.04	0
14. Private Industry	1.31	0.37	338.04	0
15. Federal Reserve	1.31	0.37	338.04	0
16. State of California	1.31	0.37	338.04	0
17. Local Government	1.31	0.37	338.04	0
18. Private Industry	1.31	0.37	338.04	0
19. Federal Reserve	1.31	0.37	338.04	0
20. State of California	1.31	0.37	338.04	0
21. Local Government	1.31	0.37	338.04	0
22. Private Industry	1.31	0.37	338.04	0
23. Federal Reserve	1.31	0.37	338.04	0
24. State of California	1.31	0.37	338.04	0
25. Local Government	1.31	0.37	338.04	0
26. Private Industry	1.31	0.37	338.04	0
27. Federal Reserve	1.31	0.37	338.04	0
28. State of California	1.31	0.37	338.04	0
29. Local Government	1.31	0.37	338.04	0
30. Private Industry	1.31	0.37	338.04	0
31. Federal Reserve	1.31	0.37	338.04	0
32. State of California	1.31	0.37	338.04	0
33. Local Government	1.31	0.37	338.04	0
34. Private Industry	1.31	0.37	338.04	0
35. Federal Reserve	1.31	0.37	338.04	0
36. State of California	1.31	0.37	338.04	0
37. Local Government	1.31	0.37	338.04	0
38. Private Industry	1.31	0.37	338.04	0
39. Federal Reserve	1.31	0.37	338.04	0
40. State of California	1.31	0.37	338.04	0
41. Local Government	1.31	0.37	338.04	0
42. Private Industry	1.31	0.37	338.04	0
43. Federal Reserve	1.31	0.37	338.04	0
44. State of California	1.31	0.37	338.04	0
45. Local Government	1.31	0.37	338.04	0
46. Private Industry	1.31	0.37	338.04	0
47. Federal Reserve	1.31	0.37	338.04	0
48. State of California	1.31	0.37	338.04	0
49. Local Government	1.31	0.37	338.04	0
50. Private Industry	1.31	0.37	338.04	0

Click if you think
The inference engine
Can be enhanced
And modify the engine

Do you want to accept the changes And updates

Yes

22

2500

Figure 25

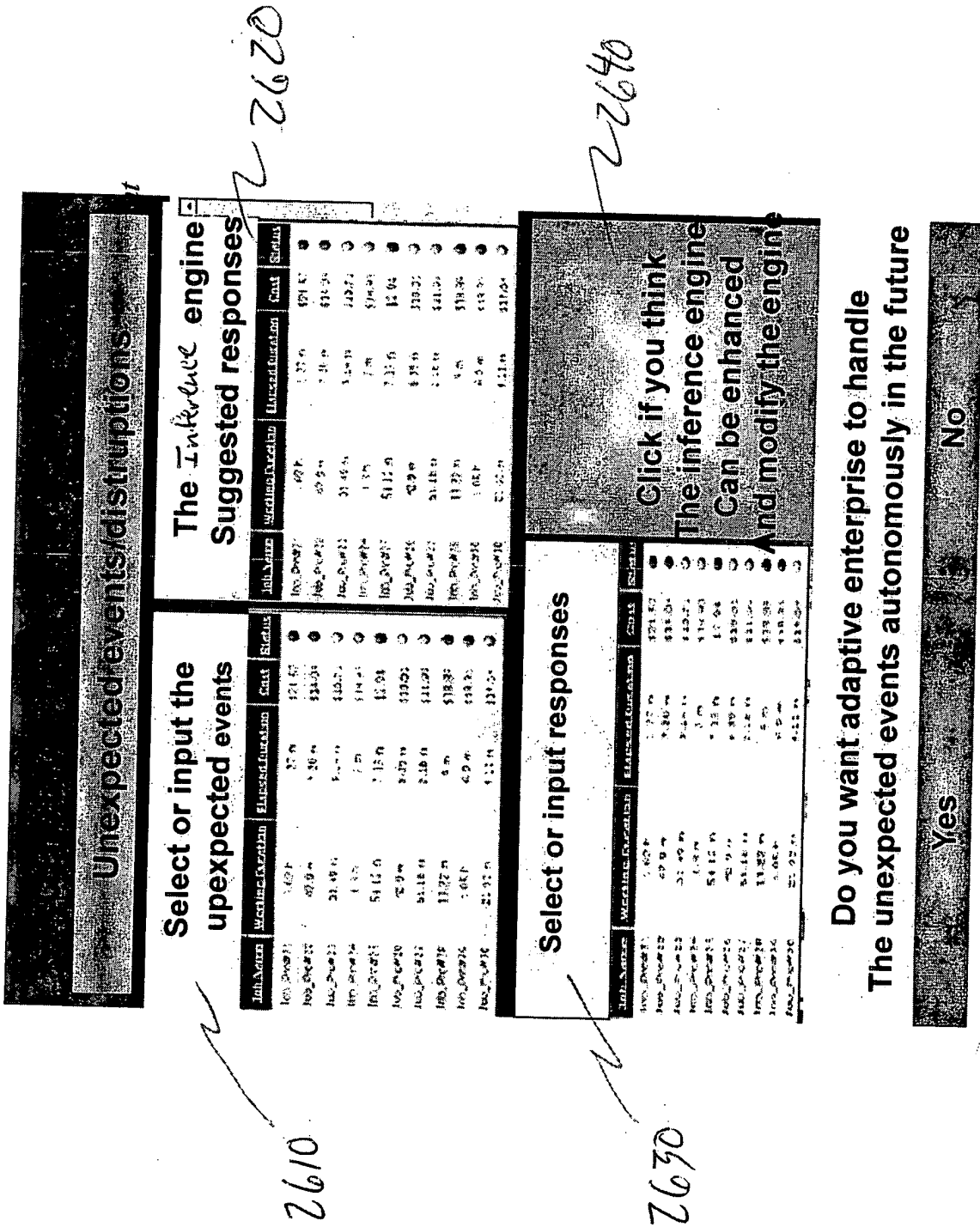


Figure 26

2600

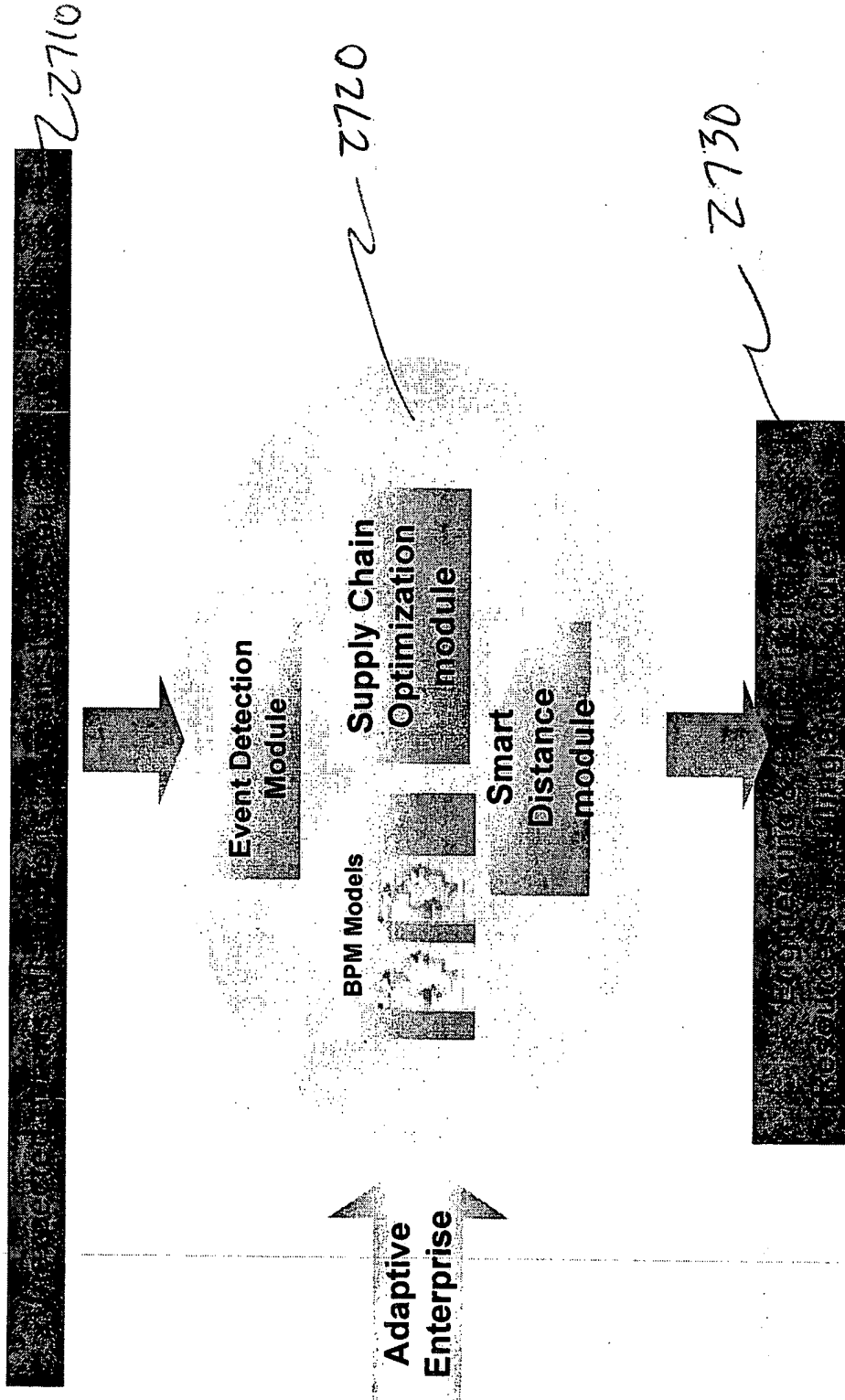


Figure 27

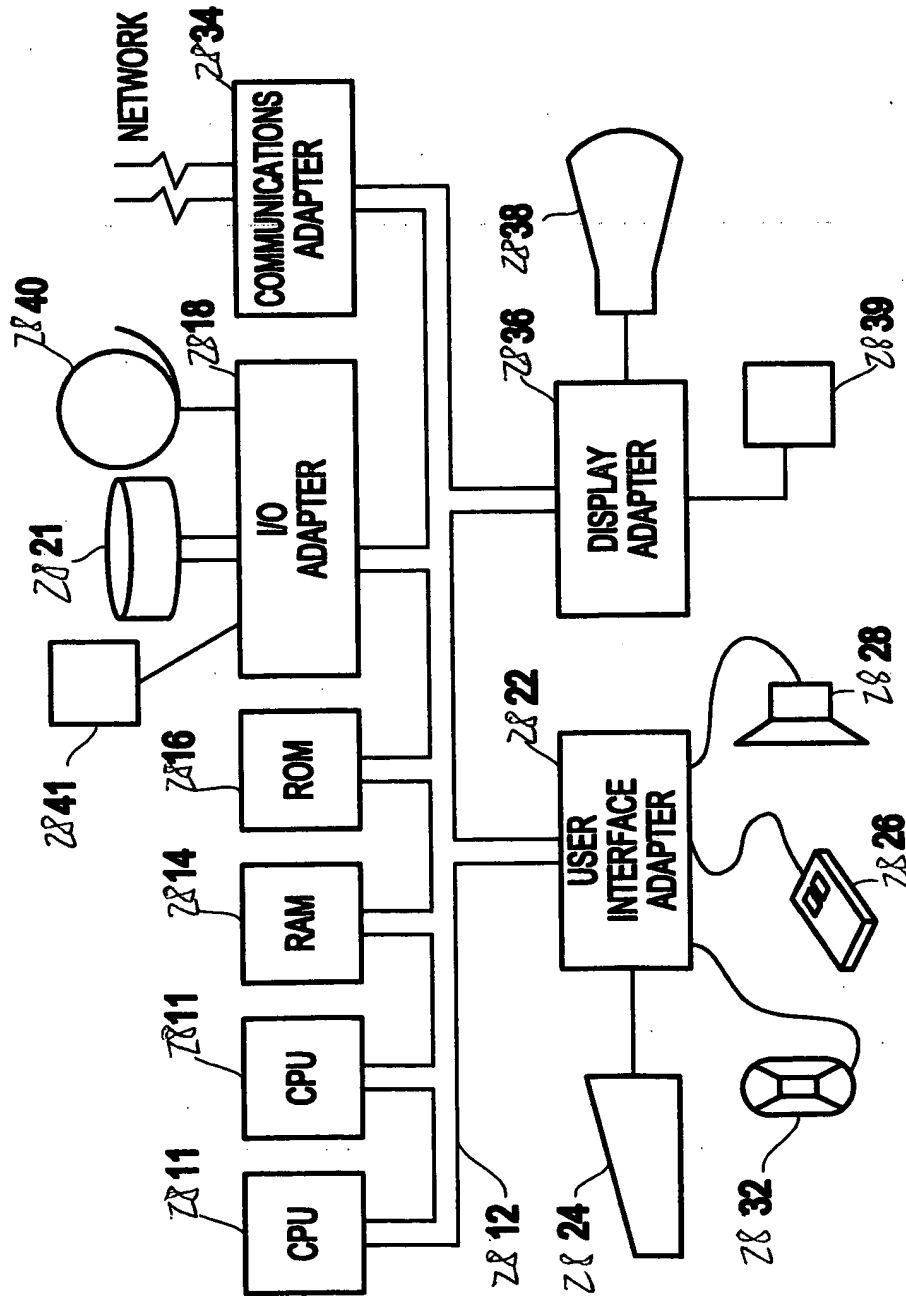


FIG. 28

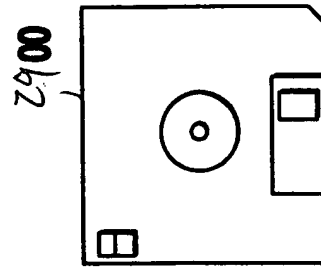


FIG. 29